Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

DRAFT AIR QUALITY GENERAL PERMIT

FOR

NATURAL GAS TRANSMISSION STATIONS AND PROCESSING PLANTS

Source Name:	**All Major Source Natural Gas Transmission Stations (See Attachment A for list of sources covered under this general permit.)**
Permit Type:	Federally-Enforceable Title V
Permit Number:	G-97-001
SIC Code:	4922
Issuance Date:	Draft -- 1997
Expiration Date:	2002

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John E. Hornback, Director
Division for Air Quality

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SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be administratively and technically complete, the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the permit application and other information submitted by the permittee. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities not described herein without having first submitted a complete application to the permitting authority and received a permit for the planned activity, except as provided in this permit or in State Regulation 401 KAR 50:035, Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

This permit contains provisions which require that specific test methods, monitoring or recordkeeping be used as a demonstration of compliance with permit limits. However, these provisions do not shield the source from violations of the applicable requirements being established and documented through other evidence, nor does it relieve the source from its obligation to comply with the underlying emission limits or other applicable requirements being monitored.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[01] Natural Gas Fired Indirect Heat Exchanger unit

Rated heat input capacity: Greater than or equal to 10 million BTU per hour but less than or equal to 100 million BTU per hour, commenced before April 9, 1972

APPLICABLE REGULATIONS: State Regulation 401 KAR 61:015, Existing indirect heat exchangers

1. Operating Limitations: NA
Compliance Demonstration Method: NA

2. Emission Limitations:

Particulates and Opacity:
The Total Heat Input Capacity (X), in units of millions of Btus per hour, refers to that of all affected facilities commenced before April 9, 1972, within the entire source. The emission limitations for particulates are displayed in units of pounds per million Btu, based on a three-hour average.

Priority I: Pursuant to State Regulation 401 KAR 50:020, Air Quality Control Regions, Paducah-Cairo (072), Huntington-Ashland (103), Evansville-Henderson (077) and Cincinnati (079) regions are Priority I regions.

Parameter	Allowable Limit
Particulate Emissions (Pounds/million Btu)	$0.9634 * X^{-0.2356}$
Opacity	20%

Priority II: Pursuant to State Regulation 401 KAR 50:020, Air Quality Control Regions, Bluegrass (102), Appalachian (101), and North Central (104) regions are Priority II regions.

Parameter	Allowable Limit
Particulate Emissions (Pounds/million Btu)	$1.2825 * X^{-0.2330}$
Opacity	40%

REGULATIONS, AND OPERATING CONDITIONS

Priority III: Pursuant to State Regulation 401 KAR 50:020, Air Quality Control Regions, South Central (105) region is a Priority III region.

Parameter	Allowable Limit
Particulate Emissions (Pounds/million Btu)	$1.3152 * X^{-0.2159}$
Opacity	40%

Sulfur Dioxide:

The Total Heat Input Capacity (X), in units of millions of Btu per hour, refers to that of all affected facilities commenced before April 9, 1972, within the entire source. The emission limitations for sulfur dioxide are displayed in units of pounds per million BTU, based on a twenty-four-hour average.

Kentucky County	Class
McCracken	IA
Bell, Clark, Woodford	II
Pulaski	III
Webster, Hancock	IV
Muhlenberg	IVA
All other counties	V
Boyd	VA

County Class	Allowable Emission Limit (Pounds/million Btu)
IA	$7.7223 * X^{-0.4106}$
II	$8.0681 * X^{-0.3047}$
III	$7.7966 * X^{-0.2291}$
IV	$7.3639 * X^{-0.1347}$
IVA	$7.3639 * X^{-0.1260}$
V	$8.0189 * X^{-0.1260}$
VA	$8.0189 * X^{-0.1260}$

SECTION B - EMISSION POINTS, AFFECTED FACILITIES,

APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Compliance Demonstration Method:

Compliance with the particulate matter allowable standard shall be demonstrated by calculating particulate matter emissions using fuel usage rate and emission factor information.

Compliance with the sulfur dioxide allowable standard shall be demonstrated by calculating sulfur dioxide emissions using fuel usage rate, fuel analysis, and emission factor information.

Compliance with opacity standard shall be demonstrated by reading the opacity once in every year by EPA Reference Method 9.

3.	**Testing Requirements:**	NA
4.	**Specific Monitoring Requirements:**	NA
5.	**Specific Record Keeping Requirements:**	See Section E, Condition 1.
6.	**Specific Reporting Requirements:**	See Section E, Condition 6.
7.	**Specific Control Equipment Operating Conditions:**	NA
8.	**State-Origin Requirements:**	
	a) Operating Limitations:	NA
	b) Emission Limitations:	NA
9.	**Alternate Operating Scenarios:**	NA
10.	**Compliance Schedule:**	See Section E, Condition 5.
11.	**Compliance Certification Requirements**	See Section E, Condition 5.

SECTION B -EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[02] Natural Gas Fired Indirect Heat Exchanger unit

Rated heat input capacity: Greater than or equal to 10 million BTU per hour but less than 100 million BTU per hour, commenced on or after April 9, 1972 and prior to June 9, 1989.

APPLICABLE REGULATIONS: State Regulation 401 KAR 59:015, New indirect heat exchangers

1. Operating Limitations: NA
Compliance Demonstration Method: NA

2. Emission Limitations:

Pollutant	Particulates(1)	Sulfur Dioxide(1)
Emission Limitation (Pounds per million BTU)	$0.9634 * C^{-0.2356}$	$7.7223 * C^{-0.4106}$

C = Total Heat Input Capacity
(1) The Total Heat Input Capacity refers to that of all affected facilities within the entire source.

Opacity:
Emissions shall not exhibit an opacity exceeding 20% except a maximum of 40% shall be permissible for not more than six consecutive minutes in any 60 consecutive minutes during cleaning the fire box or blowing soot.

Compliance Demonstration Method:

Compliance with the particulate matter allowable standard shall be demonstrated by calculating particulate matter emissions using fuel usage rate and emission factor information.

Compliance with the sulfur dioxide allowable standard shall be demonstrated by calculating sulfur dioxide emissions using fuel usage rate, fuel analysis, and emission factor information.

Compliance with opacity standard shall be demonstrated by reading the opacity once in every year by EPA Reference Method 9.

SECTION B -EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

3. **Testing Requirements:**
Pursuant to Section 8, compliance shall be demonstrated by reference methods contained in 40 CFR 60 Appendix A except as provided in State Regulation 401 KAR 50:045.

4. **Specific Monitoring Requirements:** NA

5. **Specific Record Keeping Requirements:** See Section E, Condition 1.

6. **Specific Reporting Requirements:** See Section E, Condition 6.

7. **Specific Control Equipment Operating Conditions:** NA

8. **State-Origin Requirements:**
a) Operating Limitations: NA
b) Emission Limitations: NA

9. **Alternate Operating Scenarios:** NA

10. **Compliance Schedule:** See Section E, Condition 5.

11. **Compliance Certification Requirements:** See Section E, Condition 5.

SECTION B -EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[03] Natural Gas Fired Indirect Heat Exchanger unit

Rated heat input capacity: Greater than or equal to 10 million BTU per hour but less than 100 million BTU per hour, commenced on or after June 9, 1989

APPLICABLE REGULATIONS: State Regulation 401 KAR 59:015, New indirect heat exchangers

State Regulation 401 KAR 60:043, Standards of performance for small industrial-commercial-institutional steam generating units, incorporating Federal Regulation 40 CFR 60 Subpart Dc by reference

1. Operating Limitations: NA
Compliance Demonstration Method: NA

2. Emission Limitations:

Pollutant	Particulates(1)	Sulfur Dioxide(1)
Emission Limitation (Pounds per million BTU)	$0.9634 * C^{-0.2356}$	$7.7223 * C^{-0.4106}$

C = Total Heat Input Capacity

(1) The Total Heat Input Capacity refers to that of all affected facilities within the entire source.

Opacity:
Emissions shall not exhibit an opacity exceeding 20% except a maximum of 40% shall be permissible for not more than six consecutive minutes in any 60 consecutive minutes during cleaning the fire box or blowing soot.

Compliance Demonstration Method:

Compliance with the particulate matter allowable standard shall be demonstrated by calculating particulate matter emissions using fuel usage rate and emission factor information.

Compliance with the sulfur dioxide allowable standard shall be demonstrated by calculating sulfur dioxide emissions using fuel usage rate, fuel analysis, and emission factor information.

Compliance with opacity standard shall be demonstrated by reading the opacity once in every year by EPA Reference Method 9.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

3. Testing Requirements:

Pursuant to Section 8, compliance shall be demonstrated by reference methods contained in 40 CFR 60 Appendix A except as provided in State Regulation 401 KAR 50:045.

4. Specific Monitoring Requirements: NA

5. Specific Record Keeping Requirements:

Natural gas shall be the only fuel burned in the operation of combustion equipment identified as significant points of emission. The permittee shall record the amount of natural gas processed on an annual basis, if applicable, and the natural gas burned on a daily basis. Furthermore, the permittee shall maintain all records of any necessary changes in equipment or operation. The records required by the Division for Air Quality shall be retained at the source authorized by this permit, or where records are kept, for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.

6. Specific Reporting Requirements: See Section E, Condition 6.

7. Specific Control Equipment Operating Conditions: NA

8. State-Origin Requirements:
a) Operating Limitations: NA
b) Emission Limitations: NA

9. Alternate Operating Scenarios: NA

10. Compliance Schedule: See Section E, Condition 5.

11. Compliance Certification Requirements: See Section E, Condition 5.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[04] 2-Cycle Lean Burn Natural Gas Fired Reciprocating Compressor
2-Cycle Rich Burn Natural Gas Fired Reciprocating Compressor
4-Cycle Lean Burn Natural Gas Fired Reciprocating Compressor
4-Cycle Rich Burn Natural Gas Fired Reciprocating Compressor
Natural Gas Fired Standby Generator

APPLICABLE REGULATIONS: There are no applicable federally enforceable regulations.

1.	**Operating Limitations:**	NA
	Compliance Demonstration Method:	NA
2.	**Emission Limitations:**	NA
3.	**Testing Requirements:**	NA
4.	**Specific Monitoring Requirements:**	NA
5.	**Specific Record Keeping Requirements:**	See Section E, Condition 1.
6.	**Specific Reporting Requirements:**	See Section E, Condition 6.
7.	**Specific Control Equipment Operating Conditions:**	NA

8. State-Origin Requirements:
State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants or State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants.

a) Operating Limitations:
If emissions of any air toxics listed in State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Reasonably Available Control Technology (RACT) is required or if emissions of any air toxics listed in State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Best Available Control Technology (BACT) is required, the source must acquire and follow a routine operation and maintenance program to ensure optimum engine performance.

b) Emission Limitations: NA

9.	**Alternate Operating Scenarios:**	NA
10.	**Compliance Schedule:**	See Section E, Condition 5.
11.	**Compliance Certification Requirements**	See Section E, Condition 5.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[05] Gas Turbine

Rated heat input capacity (based on the fuel's lower heating value):

- Equal to or greater than 10 million BTU/hr constructed, reconstructed, or modified on or before October 3, 1977
- Equal to or greater than 10 million BTU/hr and equal to or less than 100 million BTU/hr constructed, reconstructed, or modified on or before October 3, 1982

APPLICABLE REGULATIONS: There are no applicable federally enforceable regulations.

1.	**Operating Limitations:**	NA
	Compliance Demonstration Method:	NA
2.	**Emission Limitations:**	NA
	Compliance Demonstration Method:	NA
3.	**Testing Requirements:**	NA
4.	**Specific Monitoring Requirements:**	NA
5.	**Specific Record Keeping Requirements:**	See Section E, Condition 1.
6.	**Specific Reporting Requirements:**	See Section E, Condition 6.
7.	**Specific Control Equipment Operating Conditions:**	NA

8. State-Origin Requirements:

State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants or State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants.

a) Operating Limitations:

If emissions of any air toxics listed in State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Reasonably Available Control Technology (RACT) is required or if emissions of any air toxics listed in State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Best Available Control Technology (BACT) is required, the source must acquire and follow a routine operation and maintenance program to ensure optimum turbine performance.

b) Emission Limitations: NA

9.	**Alternate Operating Scenarios:**	NA
10.	**Compliance Schedule:**	See Section E, Condition 5.
11.	**Compliance Certification Requirements**	See Section E, Condition 5.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[06] Gas Turbine

Rated heat input capacity: Equal to or greater than 10 million BTU/hr (based on the fuel's lower heating value) constructed, reconstructed, or modified after October 3, 1977 and not included in the emission point [05] of this general permit

APPLICABLE REGULATIONS: State Regulation 401 KAR 60:330, Standards of performance for stationary gas turbines, incorporating 40 CFR 60 Subpart GG, Standards of Performance for Stationary Gas Turbines, by reference

1. Operating Limitations:

The fuel must either have a sulfur content less than or equivalent to 0.8 percent by weight or the flue gas must have sulfur dioxide content less than 0.015 percent by volume at 15 percent oxygen on a dry basis.

Compliance Demonstration Method:

Test methods and procedures described in Condition 3 below shall be followed to demonstrate compliance with this limit.

2. Emission Limitations:

For natural-gas fired non-regenerative cycle units constructed on or after October 3, 1982, designated for non-emergency use, emissions of nitrogen oxides shall be less than that resulting from the following calculation:

$STD = 0.0150 * 14.4 / Y + F$

where STD = Allowable emissions of NOx (% by volume at 15% oxygen on a dry basis)
Y = Manufacturer's rated heat rate at peak load (kilojoules per watt hour)
F = NOx emission allowance for fuel-bound nitrogen, N, as defined in the following table (NOx % by volume)

N (% by weight)	$N \leq 0.015$	$0.015 < N \leq 0.1$	$0.1 < N \leq 0.25$	$N > 0.25$
F	0	$0.04 * N$	$0.004 + 0.0067 * (N - 0.1)$	0.005

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Compliance Demonstration Method:

As specified in 40 CFR 60.335(c)(1), compliance with the aforementioned limit for NOx shall be determined by the following formula:

$NOx = NOxo * (Pr / Po)^{0.5} * \exp(19* (Ho - 0.00633) * (288 / Ta)^{1.53}$

where NOx = Emission rate (volume % at 15% oxygen and ISO standard conditions)
NOxo = Observed concentration (ppm by volume)
Pr = Reference combustor inlet absolute pressure at 101.3 kPa ambient (mm Hg)
Po = Observe combustor inlet absolute pressure at test (mm Hg)
Ho = Observed humidity of ambient air (grams H_2O / gram air)
Ta = Ambient temperature (K)

3. Testing Requirements:

- Test methods in 40 CFR 60 Appendix A shall be utilized to conduct the performance tests required by 40 CFR 60.8.
- As specified in 40 CFR 60.335(c)(2), the fuel consumption and water-to-fuel ratio necessary to comply with 40 CFR 60.332 shall be determined at four points within the normal operating range, using a continuous monitoring device.
- Method 20 shall be used to determine the concentration of NOx, SO_2, and O_2.
- Pursuant to 40 CFR 60.335(d), the sulfur content of gaseous fuels shall be measured using ASTM method D 1072-80, D 3031-81, D 4084-82, or D 3246-81 or an alternative test method approved on a case-by-case basis by the Division for Air Quality and the U.S. EPA.

4. Specific Monitoring Requirements:

- Pursuant to 40 CFR 60.334(b), the content of sulfur and nitrogen in the fuel shall be monitored.
- If a water injection system is used to control NOx emissions, the owner or operator shall monitor the fuel consumption and the ratio of water to fired fuel as specified by 40 CFR 60.334(a).
- If a source has been approved to implement a custom fuel monitoring plan, it must follow this approved compliance demonstration method or may apply to the U.S. Environmental Protection Agency and the Division for Air Quality for a new or modified custom fuel monitoring plan, to be reviewed on a case-by-case basis.

5. Specific Record Keeping Requirements:

Records of the parameters required by the above Condition 4 shall be kept for the purposes of compliance demonstration.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

6. Specific Reporting Requirements:

Pursuant to 40 CFR 60.334(c), reports are required for exceedances of operating and emission limitations, defined for the following averaging times:

Parameter	Averaging Time
Water-to-fuel ratio	One-hour period
Sulfur content	Daily period
Emergency fuel usage	Any emergency period

See Section E, Condition 6 for further requirements.

7. Specific Control Equipment Operating Conditions: NA

8. State-Origin Requirements:

State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants or State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants.

a) Operating Limitations:

If emissions of any air toxics listed in State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Reasonably Available Control Technology (RACT) is required or if emissions of any air toxics listed in State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Best Available Control Technology (BACT) is required, the source must acquire and follow a routine operation and maintenance program to ensure optimum turbine performance.

b) Emission Limitations: NA

9. Alternate Operating Scenarios: NA

10. Compliance Schedule: See Section E, Condition 5.

11. Compliance Certification Requirements See Section E, Condition 5.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[07] Glycol dehydration process unit
(absorption column and subject control equipment, if applicable)

APPLICABLE REGULATIONS: There are no applicable federally enforceable regulations.

1. **Operating Limitations:** NA
Compliance Demonstration Method: NA

2. **Emission Limitations:** NA
Compliance Demonstration Method: NA

3. **Testing Requirements:** NA

4. **Specific Monitoring Requirements:** NA

5. **Specific Record Keeping Requirements:** NA

6. **Specific Reporting Requirements:** NA

7. **Specific Control Equipment Operating Conditions:** NA

8. **State-Origin Requirements:**
State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants or State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants.

a) Operating Limitations:
If emissions of any air toxics listed in State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Reasonably Available Control Technology (RACT) is required or if emissions of any air toxics listed in State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Best Available Control Technology (BACT) is required, the source must provide appropriate RACT or BACT analysis.

b) Emission Limitations: NA

9. **Alternate Operating Scenarios:** NA

10. **Compliance Schedule:** See Section E, Condition 5.

11. **Compliance Certification Requirements:** See Section E, Condition 5.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[08] Storage Vessels for Volatile Organic Liquids (VOL)

Storage Vessels with capacity greater than or equal to 40 m^3 (10,567 gallons)

APPLICABLE REGULATIONS:

State Regulation 401 KAR 59:485, Standards of performance for volatile organic liquid storage vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984, incorporating 40 CFR 60 Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, by reference.

1. Operating Limitations:

The tanks shall be operated in accordance with 40 CFR 60.112b, standards for volatile organic compounds. See the attached table (Attachment F) under the operating/emission standards.

Compliance Demonstration Method:

Compliance shall be demonstrated by monitoring, records keeping and testing requirements as listed below.

2. Emission Limitations: N/A

3. Testing Requirements:

Testing shall be done in accordance with 40 CFR 60.113b, Testing and Procedures. See the attached table (Attachment F) under the Testing Requirements.

4. Specific Monitoring Requirements:

Monitoring shall be done in accordance with 40 CFR 60.115b, Reporting and Recordkeeping Requirements and 40 CFR 60.116b, Monitoring of operations. See the attached table (Attachment F) under the Monitoring & Record keeping Requirements.

5. Specific Record Keeping Requirements:

See the Monitoring requirements above.

6. Specific Reporting Requirements:

Reporting shall be done in accordance with 40 CFR 60.115b, Reporting and Recordkeeping Requirements. See the attached table (Attachment F) under the Reporting Requirements.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

7. Specific Control Equipment Operating Conditions: NA

8. State-Origin Requirements:

State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants or State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants.

a) Operating Limitations:

If emissions of any air toxics listed in State Regulation 401 KAR 63:021, Existing sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Reasonably Available Control Technology (RACT) is required or if emissions of any air toxics listed in State Regulation 401 KAR 63:022, New or modified sources emitting toxic air pollutants, exceed the Adjusted Significant Level (ASL) and Best Available Control Technology (BACT) is required, the source must provide appropriate RACT or BACT analysis.

b) Emission Limitations: NA

9. Alternate Operating Scenarios: NA

10. Compliance Schedule: See Section E, Condition 5.

11. Compliance Certification Requirements See Section E, Condition 5.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[09] Storage Vessels for Petroleum Liquids

Storage Capacity: All the Storage Vessels which have storage capacity greater than 580 gallons and commenced before April 9, 1972 and which are located in a county or portion of a county which is designated ozone nonattainment, for any nonattainment classification except marginal, under 401 KAR 51:010

APPLICABLE REGULATIONS:

State Regulation 401 KAR 61:050, Existing storage vessels for petroleum products

1. **Operating Limitations:**

Storage Capacity greater than 580 gallons and less than 40,000 gallons:

All the Tanks which store petroleum liquids having vapor pressure greater than or equal to 10.3 kilopascal (1.5 psia) shall be equipped with a permanent submerged fill pipe in accordance with Regulation 401 KAR 61:050, Section 3(3), Standard for (Hgt).
Also see 401 KAR 61:050, Section 4, Operating Requirements.

Storage Capacity greater than 40,000 gallons *:*

See 401 KAR 61:050, Section 3, *Standards for (Hgt)* and Section 4, *Operating Requirements*

2. **Emission Limitations:** NA

3. **Testing Requirements:** NA

4. **Specific Monitoring Requirements:**

Storage Capacity greater than 580 gallons and less than 40,000 gallons: NA

Storage Capacity greater than 40,000 gallons:

See 401 KAR 61:050, Section 5, Monitoring of Operations

5. **Specific Record keeping Requirements:**

Storage Capacity greater than 580 gallons and less than 40,000 gallons:

Records shall be kept of the vapor pressures of the liquids stored to show compliance with the operating requirements for liquids having vapor pressures equal to or greater than 10.3 kilopascal (1.5 psia)

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Storage Capacity greater than 40,000 gallons:

Records shall be kept so that compliance can be demonstrated with the applicable requirements in Regulation 401 KAR 61:050

6. **Specific Reporting Requirements:** NA

7. **Specific Control Equipment Operating Conditions:**

See operating and monitoring requirements above

8. **State-Origin Requirements** NA

9. **Alternate Operating Scenarios:** NA

10. **Compliance Schedule:**

See Section G, of the General Permit

11. **Compliance Certification Requirements:** NA

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

[10] Storage Vessels for Petroleum Liquids

(1) All the storage tanks which are located in a county or portion of a county which is designated ozone nonattainment under 401 KAR 51:010 or any other county and is a part of a major source of volatile organic compounds and have storage capacity (V) as described below:

- 580 gal $\leq$ V $\leq$ 40,000 gal, commenced after April 9, 1972 and prior to July 24, 1984
- 580 gal $\leq$ V < 10,567 gal, commenced after July 24, 1984

(2) V > 40,000 gal, commenced after April 9, 1972 and prior to July 24, 1984

APPLICABLE REGULATIONS:

State Regulation 401 KAR 59:050, New storage vessels for petroleum products

1. **Operating Limitations:**

Storage Tanks described in (1) above:

All the Tanks which store petroleum liquids having vapor pressure equal to or greater than 10.3 kilopascal (1.5 psia) shall be equipped with a permanent submerged fill pipe in accordance with Regulation 401 KAR 59:050, Section 3(2), Standard for Volatile Organic Compounds.

Storage Tanks described in (2) above:

All the storage tanks shall be equipped with vapor recovery or floating roof in accordance with Regulation 401 KAR 59:050, Section 3(3), Standard for Volatile Organic Compounds.
All the storage tanks shall be operated in accordance with Regulation 401 KAR 59:050, Section 3(4), Operating requirements.

2. **Emission Limitations:** NA

3. **Testing Requirements:**

Storage Tanks described in (1) above: NA

Storage Tanks described in (2) above:

See Regulation 401 KAR 59:050, Section 6, Testing and Procedures

4. **Specific Monitoring Requirements:**

Storage Tanks described in (1) above: NA

Storage Tanks described in (2) above:

See Regulation 401 KAR 59:050, Section 5, Monitoring of Operations

5. **Specific Record keeping Requirements:**

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Storage Tanks described in (1) above:

Records shall be kept of the vapor pressures of the liquids stored to show compliance with the operating requirements for liquids having vapor pressures equal to or greater than 10.3 kilopascal (1.5 psia)

Storage Tanks described in (2) above:

Records shall be kept so that compliance can be demonstrated with the applicable requirements in Regulation 401 KAR 59:050

6. **Specific Reporting Requirements:** NA

7. Specific Control Equipment Operating Conditions:

See the operating and monitoring requirements above

8. State-Origin Requirements NA

9. Alternate Operating Scenarios: NA

10. Compliance Schedule:

See Section G of the General Permit

11. Compliance Certification Requirements: NA

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Additional Requirements

1) Attachment D is a table of applicable requirements for facilities subject to State Regulation 401 KAR 60:630 (40 CFR Subpart KKK) Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants. The source shall comply with all applicable requirements identified in the table for the components, emission points and affected facilities located at the source.

2) Attachment E contains two tables of applicable requirements for facilities subject to State Regulation 401 KAR 60:640 (40 CFR Subpart LLL) Standards of Performance for Onshore Natural Gas Processing: SO_2 Emissions. One table addresses Sweetening Units utilizing Sulfur Recovery, the other table addresses Sweetening Units not utilizing Sulfur Recovery. The source shall comply with all applicable requirements identified in the table for the facility design located at the source.

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for these sources pursuant to State Regulation 401 KAR 50:035, Permits, Section 5(4). The following are exempt from all permit requirements because the emissions are not subject to federally enforceable requirements or meet the requirements for insignificant activities pertaining to potential to emit. This list is not intended to be all inclusive, other activities may qualify as insignificant activities, provided they meet the criteria under 401 KAR 50:035, Section 5(4).

1) Indirect heat exchanger or electrical generator (used for on-site power consumption) solely fired with natural gas with a rated heat input capacity less than 10 million BTU per hour
2) Anti-freeze usage for compressor engine cooling
3) Metal degreaser (except for those halogenated solvent cleaners subject to the MACT standard in 40 CFR 63, Subpart T)
4) Emergency generators less than 20 hp potentially operated continuously or less than 350 hp operated 500 hours per year or less

5) Valve operators
6) Relief valves
7) Purge gas
8) Panel board devices
9) Meter testing
10) Leaking pipeline
11) Air movers
12) Pipeline blowdowns
13) Changing orifice plates
14) Control valves
15) Emergency shutdowns
16) Dead weight testing
17) Blowing drips
18) Crankcase vents
19) Fuel gas system vents
20) Gas operated pockets
21) Vessel blowdowns
22) Compressor rod packing leakage
23) Odorant loading
24) Unit block valve leakage
25) Calibrating gas sniffers
26) Compressor valve cap leakage
27) Recip fuel valve packing leakage
28) Drum storage
29) Compressor case and doghouse vents
30) Small gasoline portable compressors
31) Meter tube inspections
32) Auxiliary air compressors
33) Compressor blowdown
34) Storage tanks not otherwise covered in this permit

SECTION D - CONTROL EQUIPMENT CONDITIONS

1. Pursuant to State Regulation 401 KAR 50:055, General compliance requirements, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice as well as in accordance with manufacturer's specifications for minimizing emissions. Determination of whether practicable operating and maintenance procedures are being used will be based on information available to the cabinet which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

2. Pursuant to State Regulation 401 KAR 50:012, General application, Section 1(1), in the absence of a specific regulatory standard, all air contaminant sources shall as a minimum apply control procedures that are reasonable, available, and practical.

3. All fugitive emissions shall be controlled in accordance with State Regulation 401 KAR 63:010, Fugitive emissions.

SECTION E - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. Natural gas shall be the only fuel burned in the operation of combustion equipment identified as significant points of emission. The permittee shall record the amount of natural gas burned on a monthly basis, with the exception of those Indirect Heat Exchangers commenced after June 9, 1989 that must record the natural gas burned on a daily basis. Furthermore, the permittee shall maintain all records of any changes in equipment or operation. The records required by the Division for Air Quality shall be retained at the source authorized by this permit for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. These records shall be submitted to the Division on an annual basis on the anniversary date of this permit. If the monitoring devices necessary to assure compliance with this requirement are not in place at the issuance of this permit, follow the compliance plan in Section G.

2. The permittee shall allow the Division or authorized representatives to perform the following:
   a) Enter upon the premises where a source is located or emissions-related activity is conducted;
   b) Have access to and copy, at reasonable times, any records required by the permit:
      i) During normal office hours, and
      ii) During periods of emergency when prompt access to records is essential to proper assessment by the Division;
   c) Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
      i) During all hours of operation at the source,
      ii) For all sources operated intermittently, during all hours of operation at the source andthe hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
      iii) During an emergency; and

SECTION E - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

d) Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
   i) During all hours of operation at the source,
   ii) For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
   iii) During an emergency.

3. No person shall obstruct, hamper, or interfere with any Division employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

4. In accordance with State Regulation 401 KAR 50:055, General compliance requirements, Section 1, the owner or operator shall notify the Division for Air Quality's Regional Office under whose purview the source is located by telephone as promptly as possible of any deviation from permit requirements, including those due to malfunctions, unplanned shutdowns, ensuing startups, or upset conditions, and report excess emissions. In accordance with State Regulation 401 KAR 50:035, Permits, Section 7(1)(e), the reports shall describe the probable cause of the deviations and corrective actions or preventive measures taken.

5. The permittee shall certify compliance with the terms and conditions contained in this permit, including emission limitations and standards and work practices, annually on the permit issuance anniversary date, to the Division for Air Quality's Regional Office under whose purview the source is located and the U.S. EPA in accordance with the following requirements:
   a) Identification of each term or condition of the permit that is the basis of the certification;
   b) The compliance status regarding each term or condition of the permit;
   c) Whether compliance was continuous or intermittent;
   d) The method used for determining the compliance status for the source, currently and over the reporting period, pursuant to State Regulation 401 KAR 50:035, Permits, Section 7 (1) (c), (d), and (e);
   e) Other facts the Division may require to determine the compliance status of the source; and
   f) The certification shall be postmarked by the 30th day following the applicable permit issuance anniversary date.

   A compliance schedule shall be created by the Division for facilities with sources of emissions not in compliance with applicable requirements at the time of issuance (please refer to Section G - Compliance Schedule). Certified progress reports shall be submitted in the same manner as the compliance certification reports, as specified above.

6. In accordance with State Regulation 401 KAR 50:035, Permits, Section 23, the permittee shall report annually all information necessary to determine its subject emissions.

SECTION F - GENERAL CONDITIONS

a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be (a) violation(s) of State Regulation 401 KAR 50:035, Permits, Section 7 (3)(d) and for federally enforceable permits is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) and are grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.

2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.

3. This permit may be revised, revoked, reopened and reissued, or terminated for cause. The permit will be reopened for cause and revised accordingly under the following circumstances:
   a) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to State Regulation 401 KAR 50:035, Permits, Section 12 (2) (c);
   b) The Division or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
   c) The Division or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or
   d) If any additional applicable requirements of the Acid Rain Program become applicable to the source;

   Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency. Specifically, the Maximum Achievable Control Technology (MACT) standards in Federal Regulation 40 CFR 63 that will be promulgated for stationary combustion and internal combustion engines in the fuel combustion source category, and the oil and gas production industry source category must be addressed.

4. The permittee shall furnish to the Division, in writing, information that the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority. The permittee shall also provide additional information as necessary to address any requirement that becomes applicable to the source after the date a complete permit application was submitted but prior to the release of the draft permit.

SECTION F - GENERAL CONDITIONS (CONTINUED)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit.

7. In accordance with State Regulation 401 KAR 50:035, Permits, Section 7(3)(e), the permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance.

8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States.

9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in State Regulation 401 KAR 50:038, Air emissions fee, Section 3(6).

10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance.

11. This permit shall not convey property rights or exclusive privileges.

12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.

13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.

14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

15. Permit Shield: Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements identified in this permit as of the date of issuance of this permit.

SECTION F - GENERAL CONDITIONS (CONTINUED)

16. The applicability of the following regulations has been investigated and found not to apply for the following reasons:

Regulation	Reasoning
State Regulation 401 KAR 59:430, Standards of performance for industrial-commercial-institutional steam generating units	Construction date and size restrictions
State Regulation 401 KAR 59:435, Standards of performance for small industrial-commercial-institutional steam generating units	Construction date and size restrictions
State Regulation 401 KAR 59:485, Standards of performance for volatile organic liquid storage vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984.	Construction date, size, and vapor pressure restrictions
State Regulation 401 KAR 60:042, Standards of performance for industrial-commercial-institutional steam generating units	Construction date and size restrictions

17. All emission limitations listed in this permit shall apply at all times except during periods of startup, shutdown, or malfunctions in accordance with State Regulation 401 KAR 50:055, General compliance requirements.

b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division.

c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of State Regulation 401 KAR 50:035, Permits, Section 15.
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment to Attachment A if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority in advance of the transfer.

(d) Construction, Start-Up, and Initial Compliance Certification Requirements

The following section is for construction of emission points and pollutants covered by this permit that are not subject to State Regulation 401 KAR 51:017, Prevention of significant deterioration of air quality, and 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas

1. Construction of process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.

2. Within thirty (30) days following commencement of construction, and within fifteen (15) days following start-up, and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Division for Air Quality's Regional Office (please refer to Attachment B) in writing, with a copy to the Division's Frankfort Central Office, notification of the following:

   a) The date when construction commenced.
   b) The date of start-up of the affected facilities listed in this permit.
   c) The date when the maximum production rate specified in the permit application was achieved.

3. Pursuant to State Regulation 401 KAR 50:035, Permits, Section 13(1), unless construction is commenced on or before 18 months after the date of issue of this permit, or if construction is commenced and then stopped for any consecutive period of 18 months or more, or if construction is not completed within eighteen (18) months of the scheduled completion date, then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Extensions of the time periods specified herein may be granted by the Division upon a satisfactory request showing that an extension is justified.

4. Operation of the affected facilities for which construction is authorized by this permit shall not commence until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055, except as provided in Section I of this permit.

5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration on the affected facilities in accordance with Regulation 401 KAR 50:055, General compliance requirements. Any performance tests must also be conducted in accordance with General Conditions G(d)6 of this permit and the permittee must furnish to the Division for Air Quality's Frankfort Central Office a written report of the results of such performance test.

6. Pursuant to Section VII 2.2.(1) of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:0016, Section 1.(1), at least one month prior to the date of the required performance test, the permittee shall complete and return a Compliance Test Protocol (Form DEP 6027) to the Division's Frankfort Central Office. Pursuant to 401 KAR 50:045, Section 5, the Division shall be notified of the actual test date at least ten (10) days prior to the test.

e) Acid Rain Program Requirements

NA

SECTION F - GENERAL CONDITIONS (CONTINUED)

f) Emergency Provisions

1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
   a) An emergency occurred and the permittee can identify the cause of the emergency;
   b) The permitted facility was at the time being properly operated;
   c) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
   d) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency. The notice shall meet the requirements of State Regulation 401 KAR 50:035, Permits, Section 7(1)(e), and include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken. This requirement does not relieve the source of any other local, state or federal notification requirements.

2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement.

3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof.

4. The permittee may temporarily replace a compressor during emergency incidents which interrupt the crucial supply of natural gas to the public, contingent upon the following conditions:

   a) The temporary compressor(s) may operate solely while a compressor is being repaired or refurbished. For this requirement, temporary shall not be in excess of ninety (90) days unless prior approval is obtained from the Division.
   b) The total operating capacity of the temporary units shall not exceed the capacity of the replaced unit.
   c) If applicable, credible performance emission test data that verify the rates of emissions from the temporary compressor(s), in accordance with the provisions of New Source Performance Standards, shall be submitted to the Division within five (5) days of the substitution for approval.
   d) Notification of the following data must be submitted to the Director within five (5) days of the substitution:
      i) Identification (emission source number) of the failed turbine(s),
      ii) Design Parameters of the temporary compressor(s),
      iii) Predicted operating time and emissions of the temporary compressor(s), and
      iv) Certification of the temporary compressor(s) by a responsible official.

g) Risk Management Provisions under CAA 112(r)

If required by law or regulation, the permittee shall comply with the requirements of 40 CFR Part 68, Risk Management Plan provisions:
a) Submit a Risk Management Plan and comply with the Risk Management Program by June 21, 1999 or a later date specified by the U.S. EPA.
b) Submit additional relevant information if requested by the Division or U.S. EPA.

SECTION F - GENERAL CONDITIONS (CONTINUED)

h) Ozone Depleting Substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
   a) Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
   b) Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
   c) Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
   d) Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
   e) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
   f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

SECTION G - COMPLIANCE SCHEDULE

This section contains compliance schedule requirements for non-complying units as required by State Regulation 401 KAR 50:035, Permits, Section 5(2)(h)(2)(b).

1. If the source is required to install flow monitoring equipment to comply with the requirements of Section E Condition 1, the source must initiate the purchase of equipment within 30 days of the issuance of this permit and install the equipment within 60 days of the issuance of this permit. Exceptions to this time frame will be considered by the Division on a case-by-case basis.

2. For other non-complying units, a proposed compliance schedule shall be submitted to the Division in accordance with 401 KAR 50:035 Section 5(2)(h)(2)(b) within 90 days of the final permit issuance. The Division will review and approve the schedule on an individual source basis.

3. Compliance with the terms and conditions of this Section shall be certified annually on the permit anniversary date, to the Division for Air Quality and to the U. S. EPA when compliance has been achieved. The compliance certification shall include the following:
   a) The identification of the permit requirement in Condition 1 that is the basis of the certification;
   b) The compliance status; and
   c) Whether compliance is continuous or intermittent.

ATTACHMENT A - INITIAL LIST OF SOURCES COVERED UNDER THIS GENERAL PERMIT

ANR Pipeline Company
- Slaughters Station (I.D# 077-4020-0075) Title V Application (Log# E953)
- Madisonville Station (I.D# 072-1840-0134) Title V Application (Log# E987)

Columbia Gas Transmission Corporation
- Beaver Creek Station (I.D# 101-1240-0151) Title V Application (Log# E818)
- Boldman Station (I.D# 101-3300-0250) Title V Application (Log# E933)
- Inez Station (I.D# 101-2620-0022) Title V Application (Log# E862)

Columbia Gulf Transmission Company
- Clementsville Station (I.D# 105-0640-0021) Title V Application (Log# E912)
- Stanton Station (I.D# 102-3380-0006) Title V Application (Log# E913)

Kentucky West Virginia Gas Company, L.L.C.
- Dwale Station (I.D# 101-1240-0138) Title V Application (Log# E846)
- Line Fork Station (I.D# 101-2260-0098) Title V Application (Log# E988)
- Myra Station (I.D# 101-3300-0247) Title V Application (Log# E990)
- Perry Station (I.D# 101-3280-0105) Title V Application (Log# E991)
- Right Beaver Station (I.D# 101-2040-0030) Title V Application (Log# E901)

Midwestern Gas Transmission Company
- Station 2105 (I.D# 077-3080-0089) Title V Application (Log# E930)

Tennessee Gas Pipeline Company
- Station 96 (I.D# 105-3820-0033) Title V Application (Log# E932)
- Station 106 (I.D# 102-3380-0013) Title V Application (Log# E861)
- Station 110 (I.D# 103-3560-0044) Title V Application (Log# E914)
- Station 114 (I.D# 103-0340-0106) Title V Application (Log# E937)
- Station 200 (I.D# 103-1540-0033) Title V Application (Log# E915)
- Station 871 (I.D#105-3820-0034)Title V Application (Log# E931)

Texas Gas Transmission Corporation
- Calvert City Station (I.D# 072-2600-0037) Title V Application (Log# E863)
- Dixie Station (I.D# 077-1760-0124) Title V Application (Log# E998)
- Graham Lake Station (I.D# 072-2960-0074) Title V Application (Log# F004)
- Hardinsburg Station (I.D# 104-0420-0022) Title V Application (Log# E918)
- Midland II Station (I.D# 072-2960-0073) Title V Application (Log# F008)
- Midland III Station (I.D# 072-2960-0066) Title V Application (Log# F009)
- Slaughters Station (I.D# 077-4020-0074) Title V Application (Log# F007)
- West Greenville Station (I.D# 072-2960-0075) Title V Application (Log# E993)

ATTACHMENT B - AIR QUALITY CONTROL REGIONS AND DIVISION FOR AIR QUALITY REGIONAL OFFICES BY COUNTY

County	Regional Office	Air Quality Control Region	County	Regional Office	Air Quality Control Region	County	Regional Office	Air Quality Control Region
Adair	Bowling Green	South Central	Grant	Florence	Cincinnati	Meade	Owensboro	North Central
Allen	Bowling Green	South Central	Graves	Paducah	Paducah-Cairo	Menifee	Ashland	Ashland-Huntington
Anderson	Frankfort	Blue Grass	Grayson	Owensboro	North Central	Mercer	Frankfort	Blue Grass
Ballard	Paducah	Paducah - Cairo	Green	Bowling Green	South Central	Metcalfe	Bowling Green	South Central
Barren	Bowling Green	South Central	Greenup	Ashland	Ashland-Huntington	Monroe	Bowling Green	South Central
Bath	Ashland	Ashland - Huntington	Hancock	Owensboro	Henderson-Evansville	Montgomery	Ashland	Ashland-Huntington
Bell	London	Appalachian	Hardin	Frankfort	North Central	Morgan	Ashland	Ashland-Huntington
Boone	Florence	Cincinnati	Harlan	Hazard	Appalachian	Muhlenberg	Owensboro	Paducah-cairo
Bourbon	Frankfort	Blue Grass	Harrison	Florence	Blue Grass	Nelson	Frankfort	North Central
Boyd	Ashland	Ashland-Huntington	Hart	Bowling Green	South Central	Nicholas	Florence	Blue Grass
Boyle	London	Blue Grass	Henderson	Owensboro	Henderson-Evansville	Ohio	Owensboro	Henderson-Evansville
Bracken	Ashland	Ashland-Huntington	Henry	Florence	North Central	Oldham	Frankfort	North Central
Breathitt	Hazard	Appalachian	Hickman	Paducah	Paducah-Cairo	Owen	Florence	Cincinnati
Breckinridge	Owensboro	North Central	Hopkins	Owensboro	Paducah-Cairo	Owsley	Hazard	Appalachian
Bullitt	Frankfort	North Central	Jackson	London	Appalachian	Pendleton	Florence	Cincinnati
Butler	Bowling Green	South Central	Jessamine	Frankfort	Blue Grass	Perry	Hazard	Appalachian
Caldwell	Paducah	Paducah-Cairo	Johnson	Hazard	Appalachian	Pike	Hazard	Appalachian
Calloway	Paducah	Paducah-Cairo	Kenton	Florence	Cincinnati	Powell	Frankfort	Blue Grass
Campbell	Florence	Cincinnati	Knott	Hazard	Appalachian	Pulaski	London	South Central
Carlisle	Paducah	Paducah-Cairo	Knox	London	Appalachian	Robertson	Ashland	Ashland-Huntington
Carroll	Florence	Cincinnati	Larue	Bowling Green	North Central	Rockcastle	London	Appalachian
Carter	Ashland	Ashland - Huntington	Laurel	London	Appalachian	Rowan	Ashland	Ashland-Huntington
Casey	London	South Central	Lawrence	Ashland	Ashland-Huntington	Russell	London	South Central
Christian	Paducah	Paducah - Cairo	Lee	Hazard	Appalachian	Scott	Frankfort	Blue Grass
Clark	Frankfort	Blue Grass	Leslie	Hazard	Appalachian	Shelby	Frankfort	North Central
Clay	London	Appalachian	Letcher	Hazard	Appalachian	Simpson	Bowling Green	South Central
Clinton	London	Appalachian	Lewis	Ashland	Ashland-Huntington	Spencer	Frankfort	North Central
Crittenden	Paducah	Paducah - Cairo	Lincoln	London	Blue Grass	Taylor	Bowling Green	South Central
Cumberland	Bowling Green	South Central	Livingston	Paducah	Paducah-Cairo	Todd	Bowling Green	Paducah-Cairo
Daviess	Owensboro	Henderson- Evansville	Logan	Bowling Green	South Central	Trigg	Paducah	Paducah-Cairo
Edmonson	Bowling Green	South Central	Lyon	Paducah	Paducah-Cairo	Trimble	Florence	North Central
Elliot	Ashland	Ashland-Huntington	McCracken	Paducah	Paducah-Cairo	Union	Owensboro	Henderson-Evansville
Estill	Frankfort	Blue Grass	McCreary	London	South Central	Warren	Bowling Green	South Central
Fayyette	Frankfort	Blue Grass	McLean	Owensboro	Henderson-Evansville	Washington	Frankfort	North Central
Fleming	Ashland	Ashland-Huntington	Madison	Frankfort	Blue Grass	Wayne	London	South Central
Floyd	Hazard	Appalachian	Magoffin	Hazard	Appalachian	Webster	Owensboro	Henderson-Evansville
Franklin	Frankfort	Blue Grass	Marion	Bowling Green	North Central	Whitley	London	Appalachian
Fulton	Paducah	Paducah-Cairo	Marshall	Paducah	Paducah-Cairo	Wolfe	Hazard	Appalachian
Gallatin	Florence	Cincinnati	Martin	Hazard	Appalachian	Woodford	Frankfort	Blue Grass
Garrard	Frankfort	Blue Grass	Mason	Ashland	Ashland-Huntington			

ATTACHMENT C
SUMMARY OF SOURCE SPECIFIC APPLICABLE REQUIREMENTS AND EMISSION POINTS

Permit Emission Unit (EIS)	Source Emission Unit	Source Description	Pollutant	Regulation	Limitation/Standard for Emissions, Operations, or Control Equipment	Monitoring and Testing Requirements (Yes/No)	Recordkeeping Requirements (Yes/No)	Reporting Requirements (Yes/No)

Note: Completion of this table is not verified or requested by this Division and was provided solely for the permittee's internal use. The first row of the table was completed for demonstration purposes only and does not represent actual requirements that may apply to any actual facility.